

1 of 17

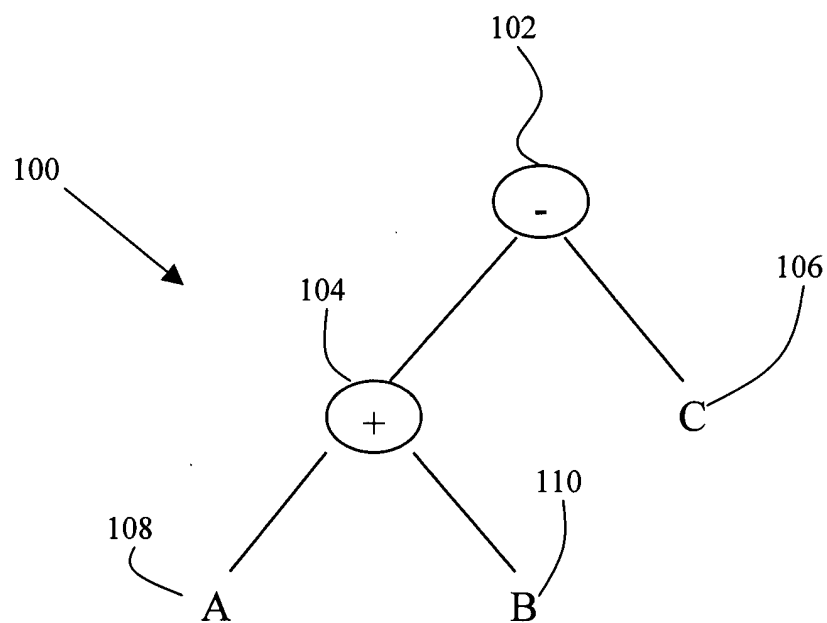
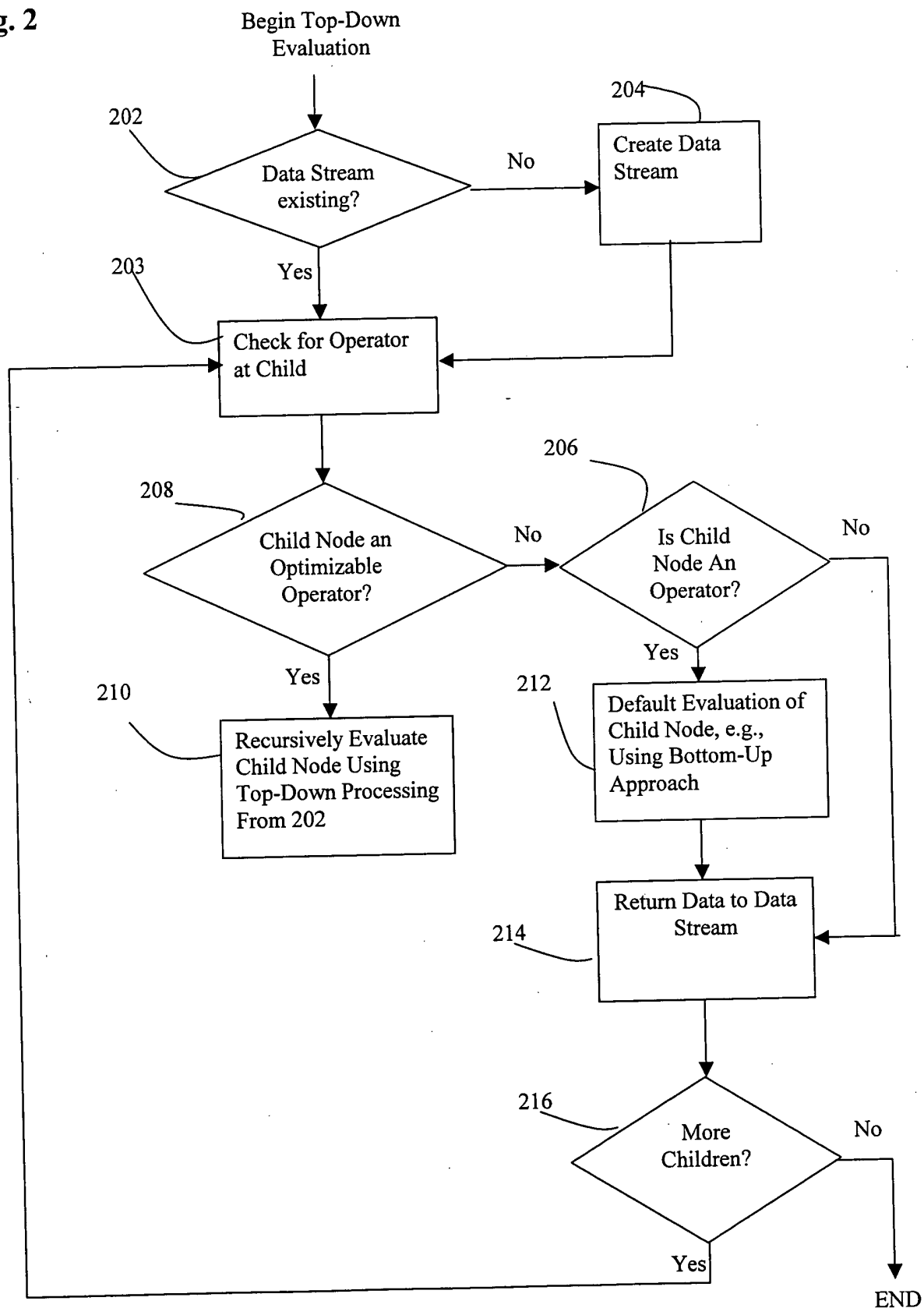
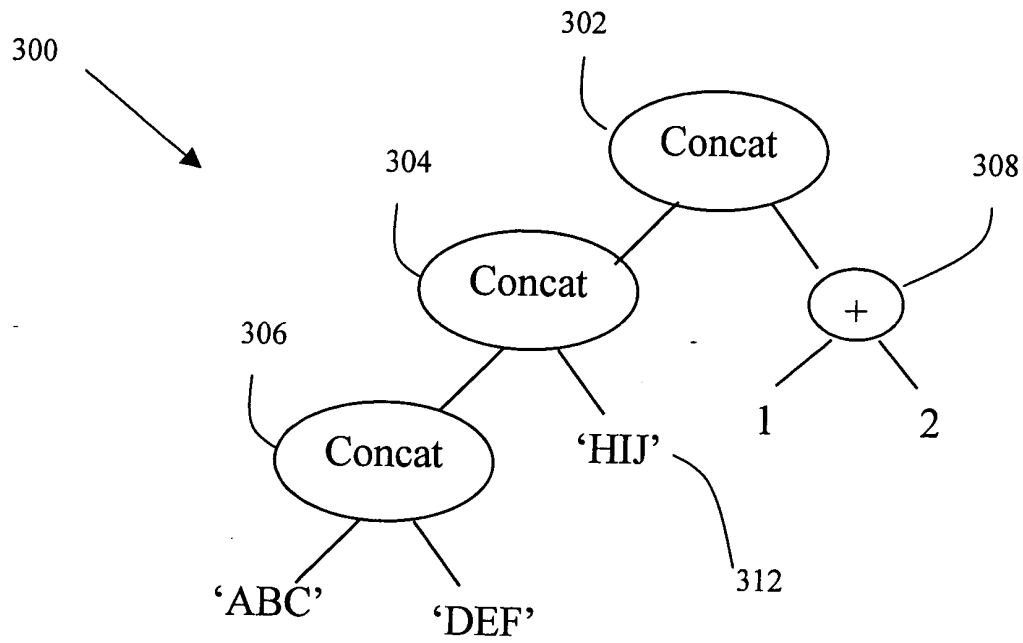


Fig. 1

Fig. 2



**Fig. 3A**



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Fig. 3B

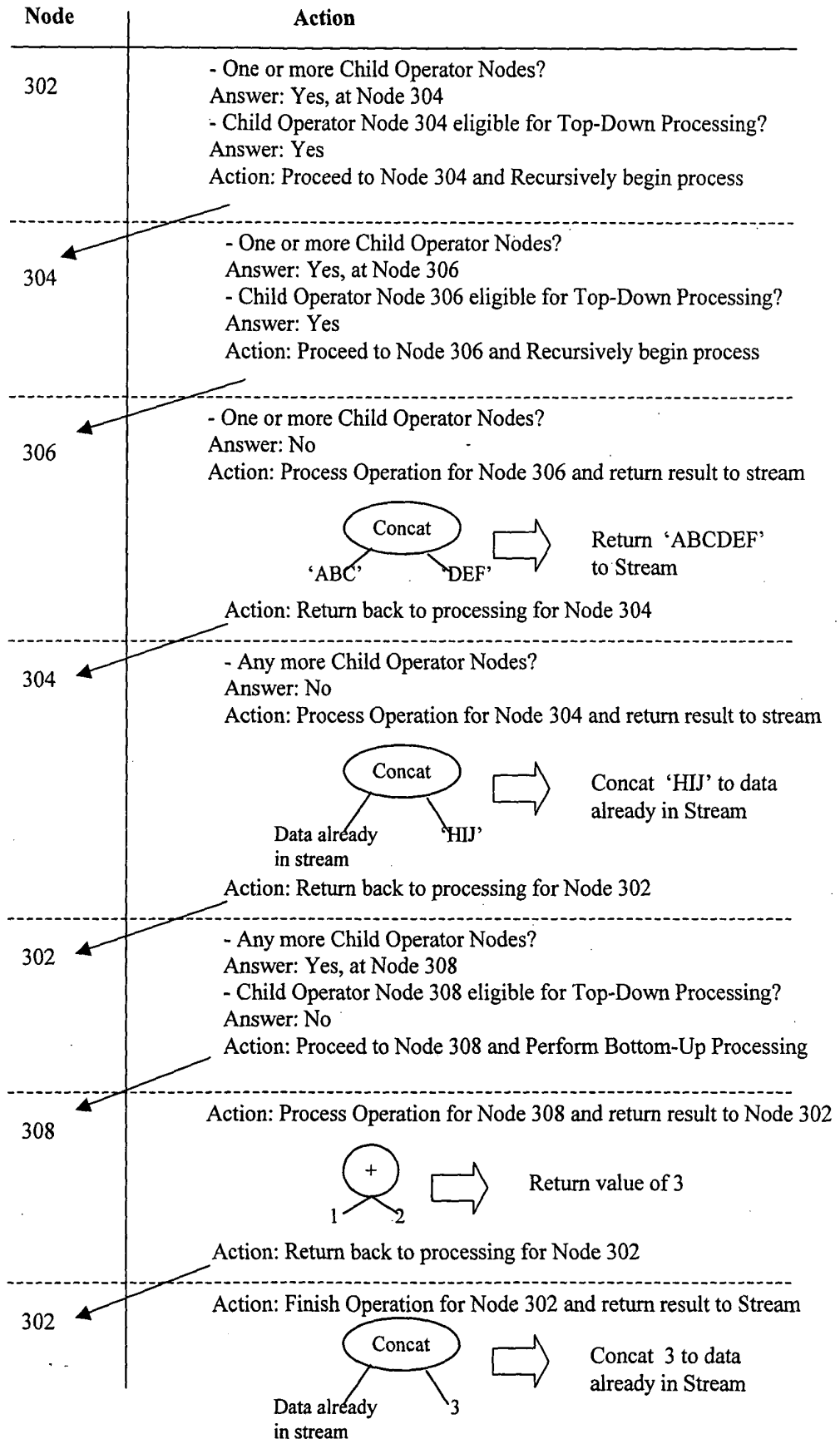
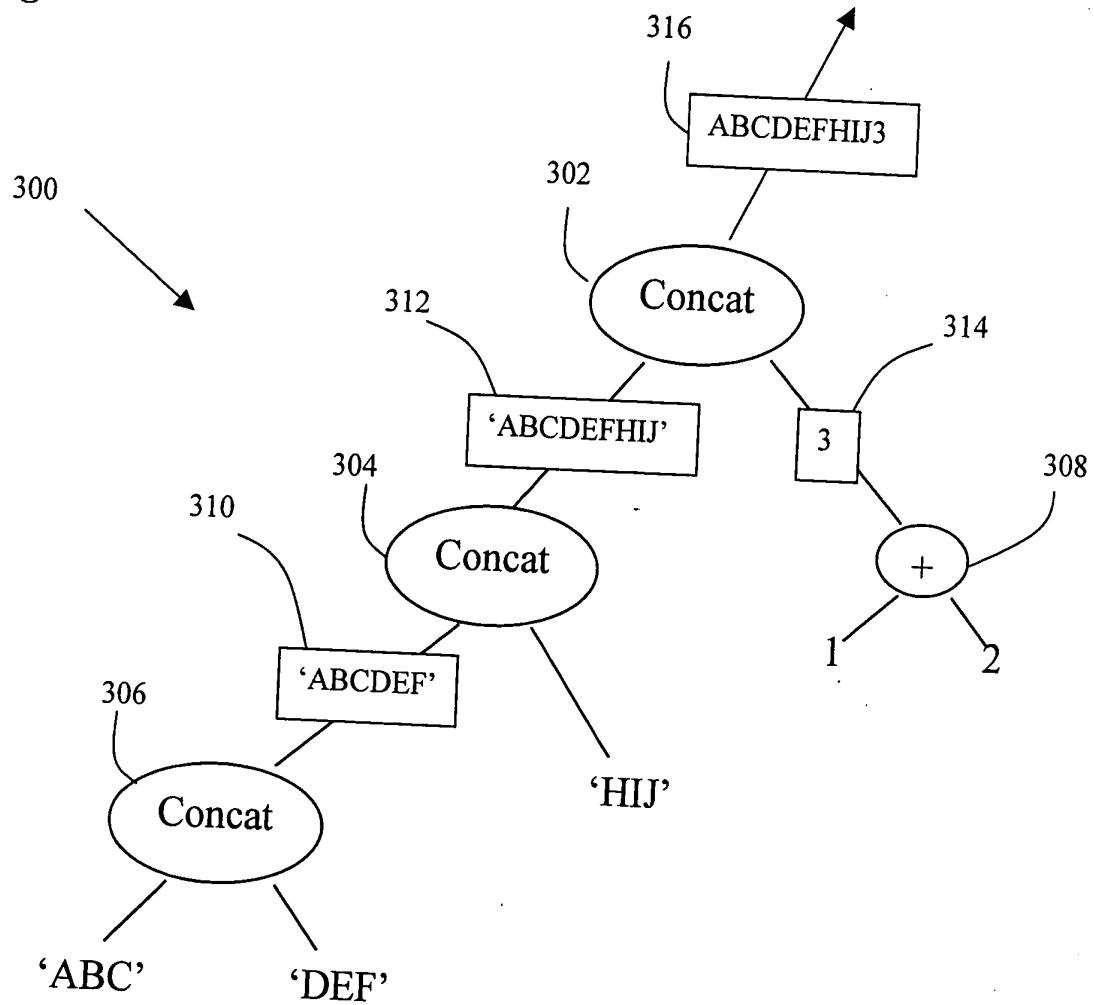


Fig. 3C



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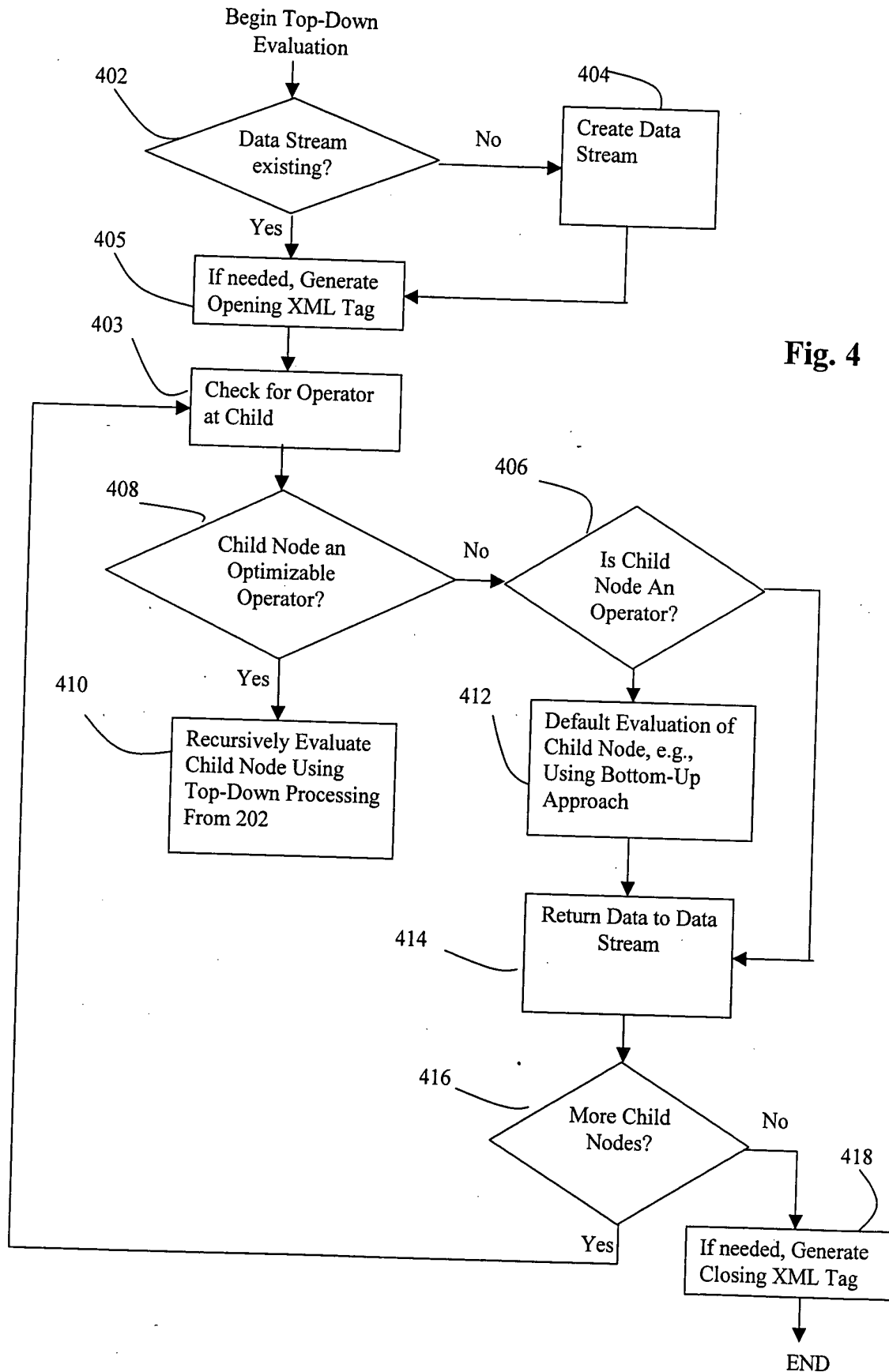
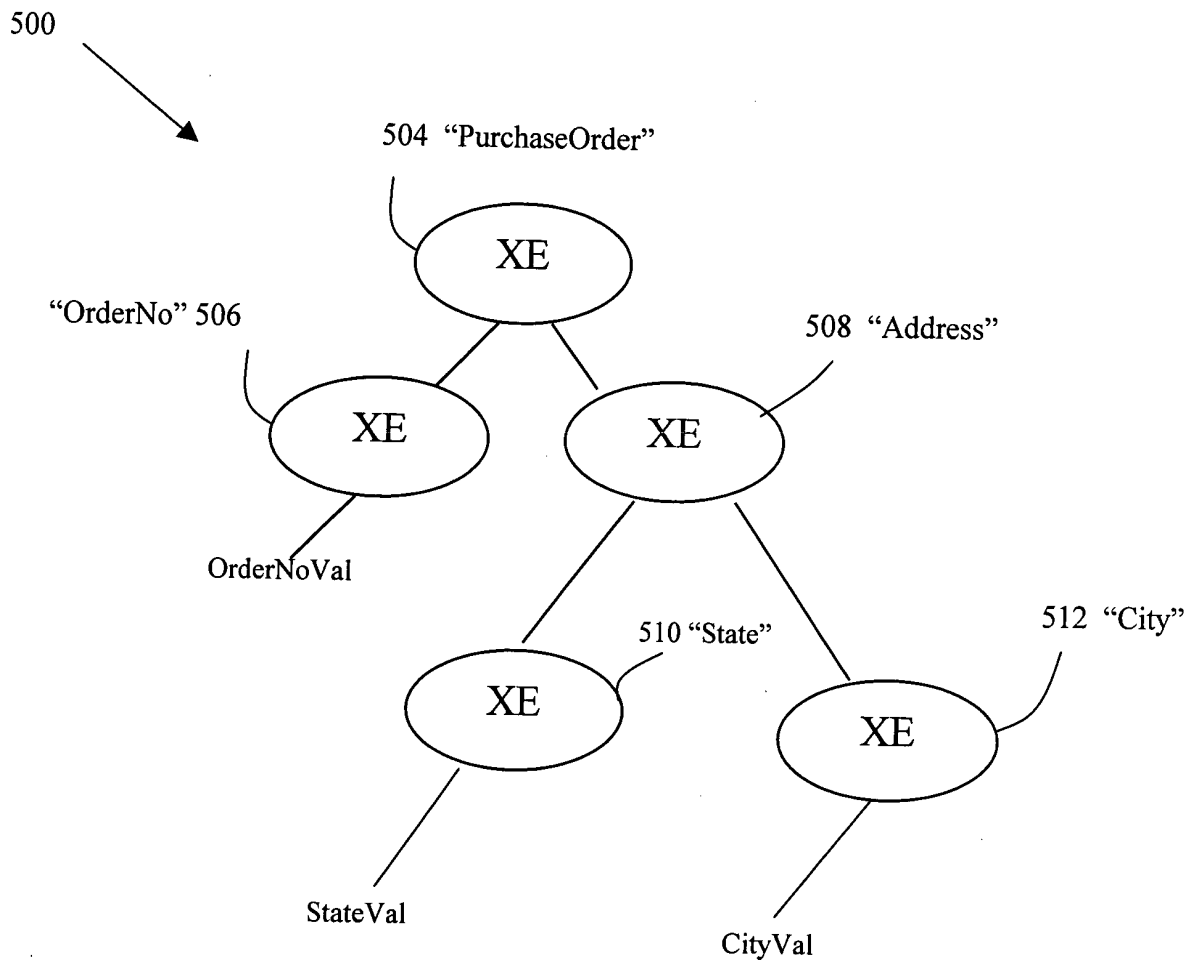
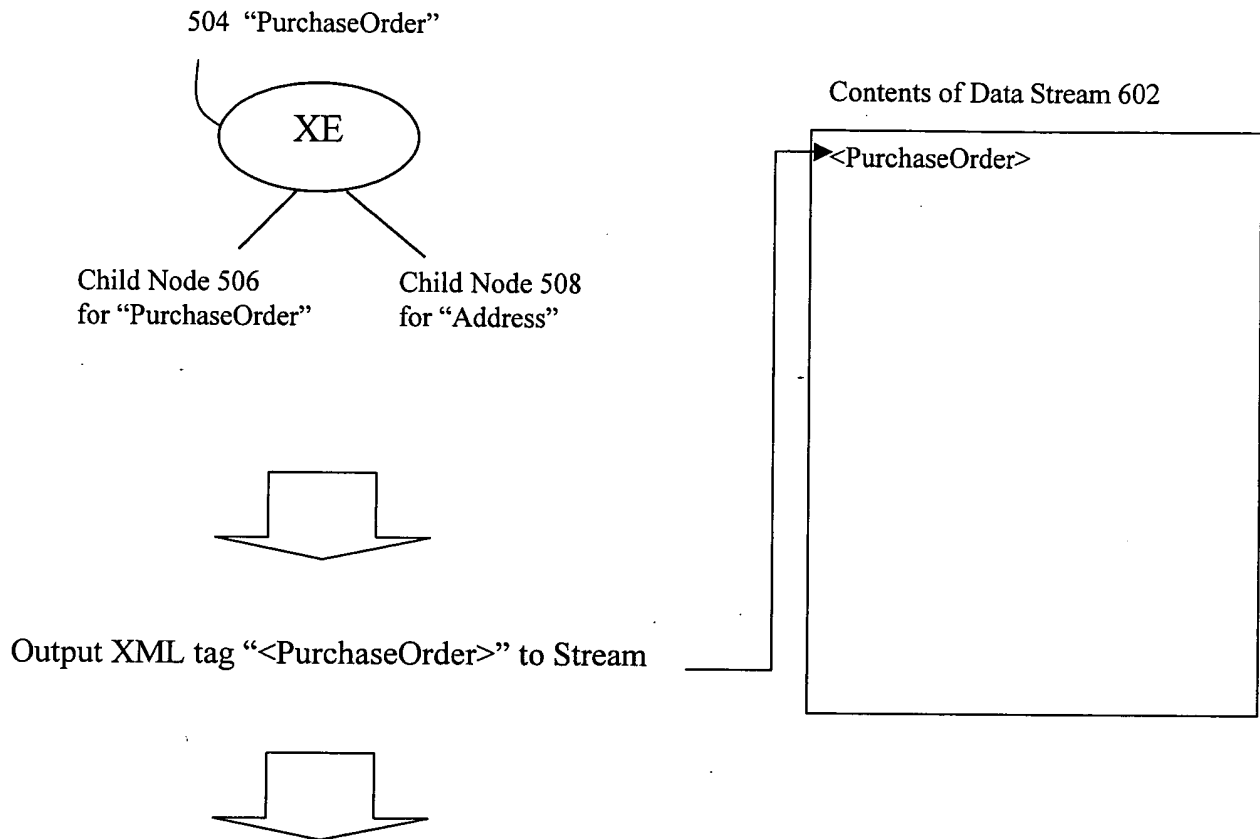


Fig. 5



**Fig. 6A**                      Begin Top Down Evaluation of Expression Tree 500

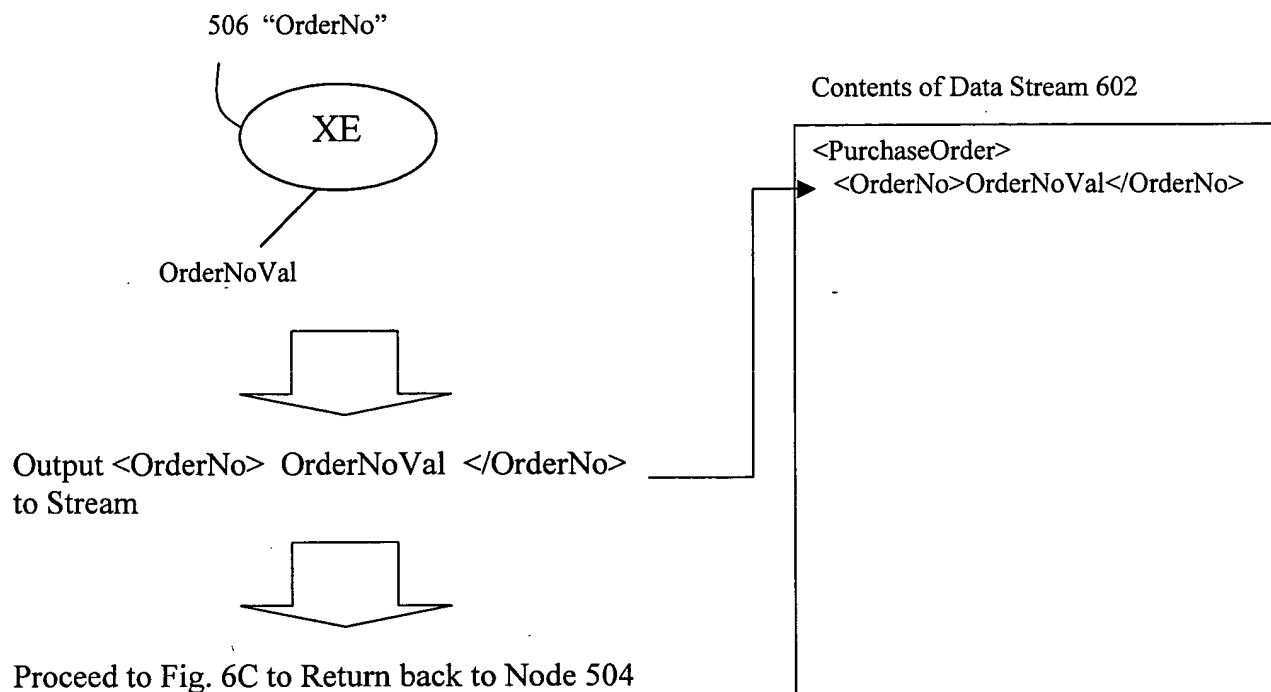


Proceed to Fig. 6B to Evaluate Child Node 506



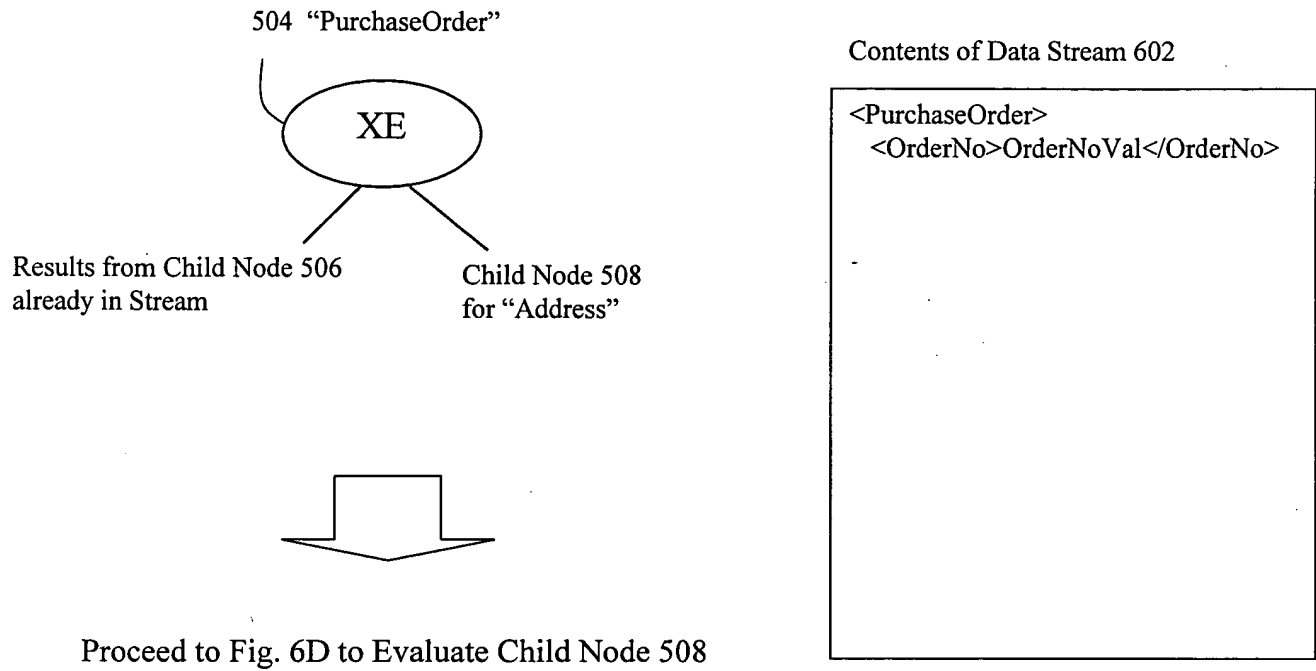
**Fig. 6B**

Begin Evaluating Node 506 for "OrderNo"



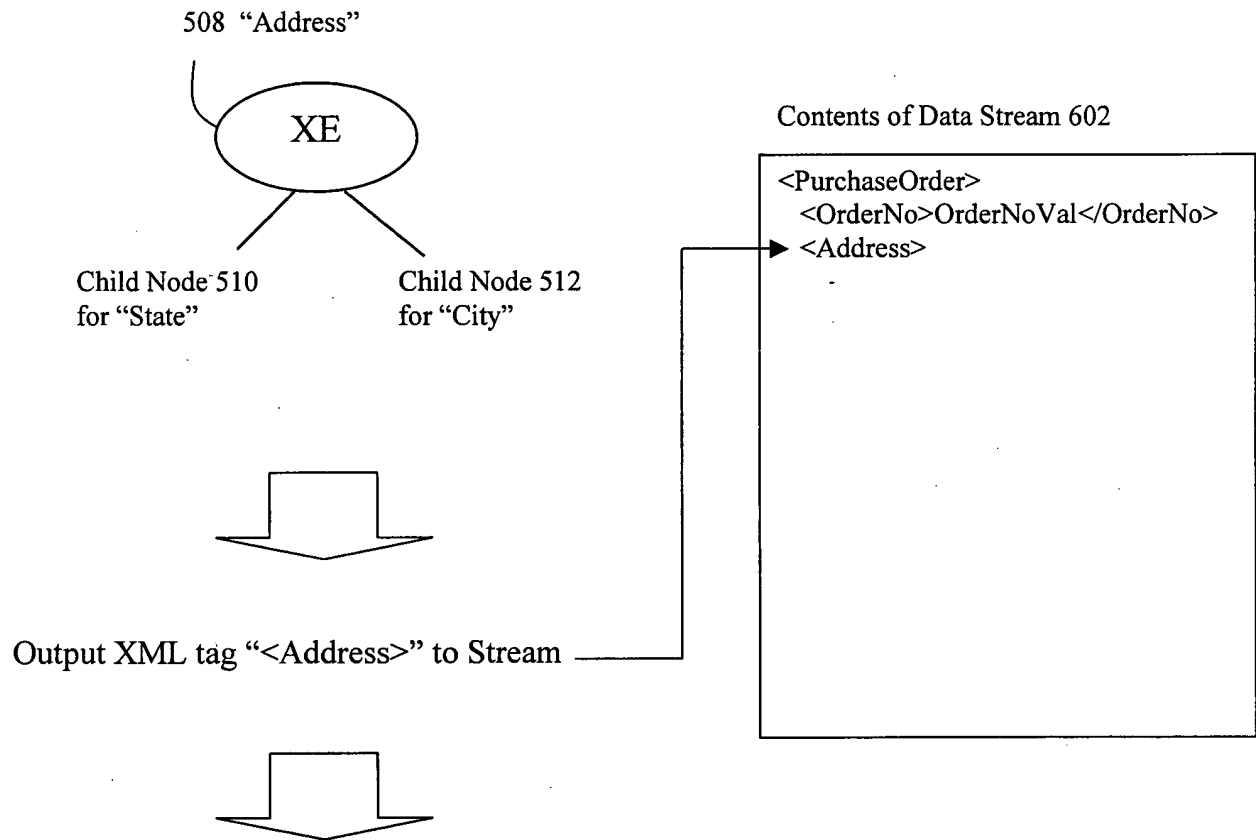
**Fig. 6C**

Return back to Node 504 to Continue Evaluating "PurchaseOrder"



**Fig. 6D**

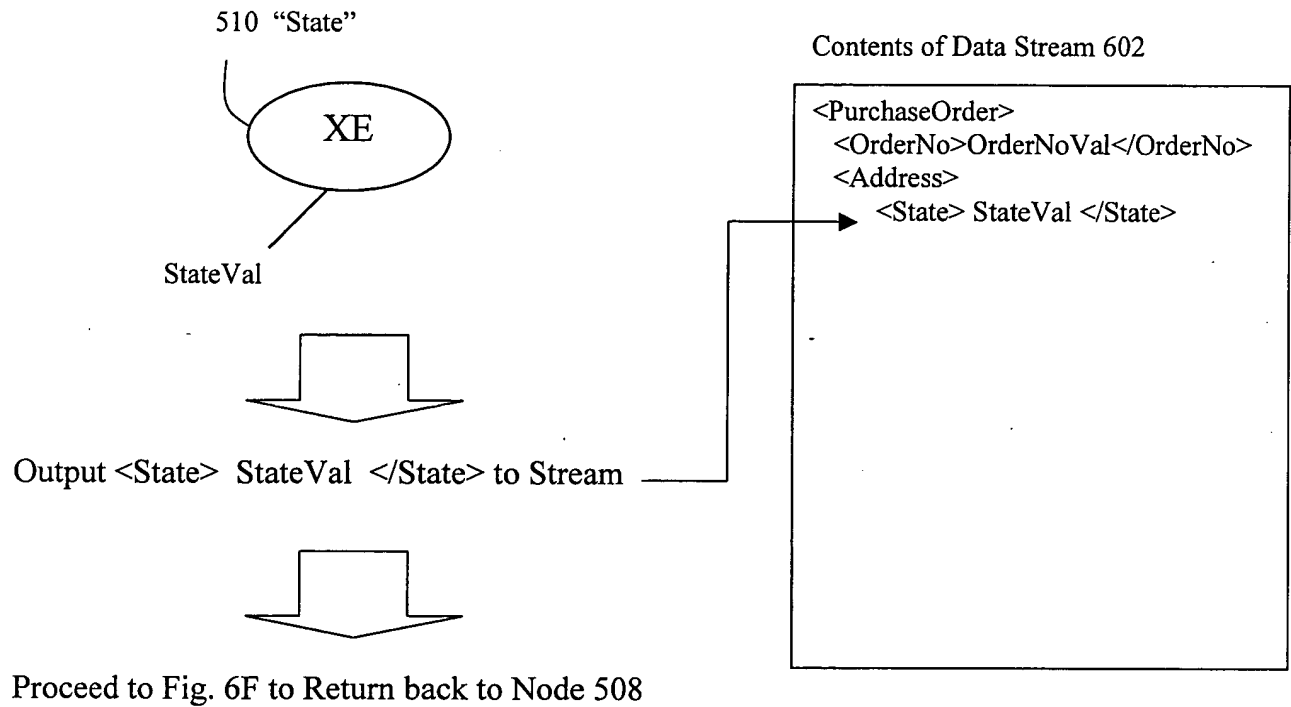
Begin Evaluating Node 508 for “Address”



Proceed to Fig. 6E to Evaluate Child Node 510

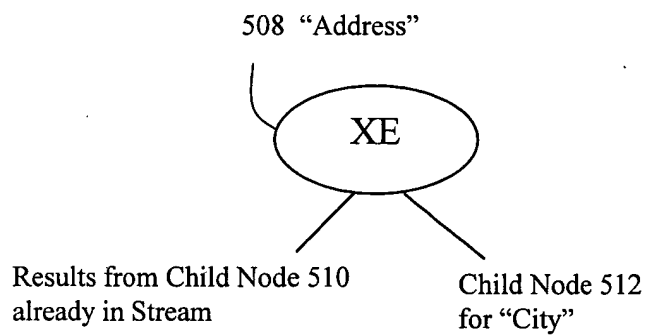
**Fig. 6E**

Begin Evaluating Node 510 for "State"



**Fig. 6F**

Return back to Node 508 for "Address"



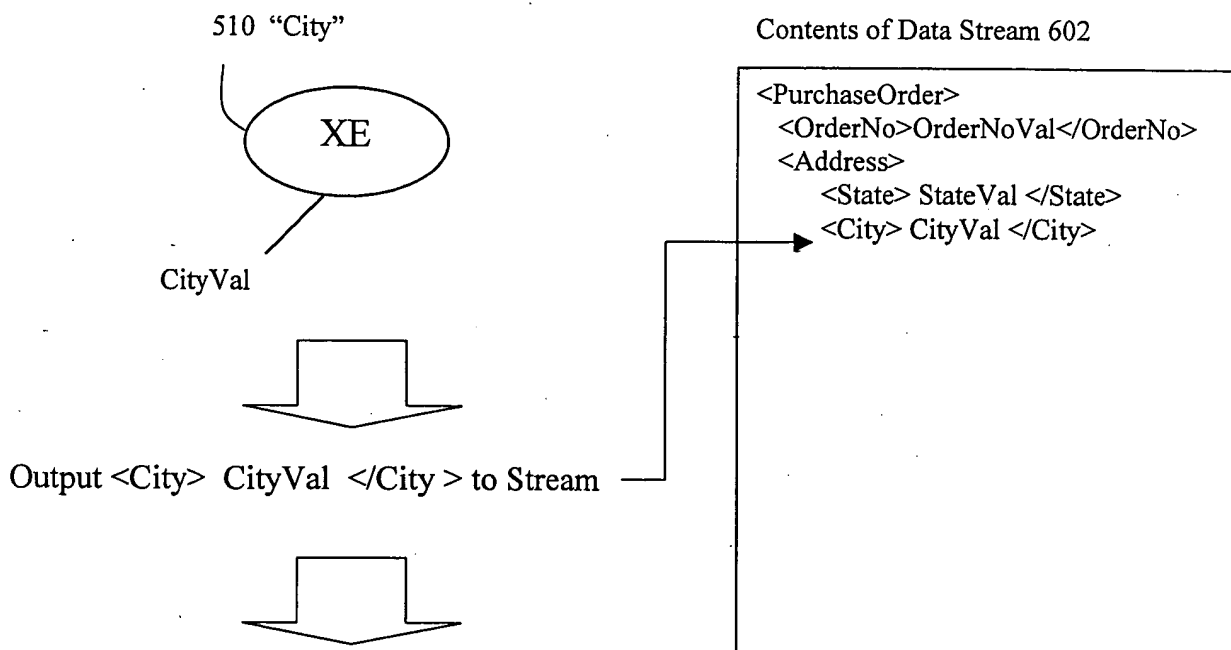
Proceed to Fig. 6G to Evaluate Child Node 512

Contents of Data Stream 602

```
<PurchaseOrder>  
  <OrderNo>OrderNoVal</OrderNo>  
  <Address>  
    <State> StateVal </State>
```

**Fig. 6G**

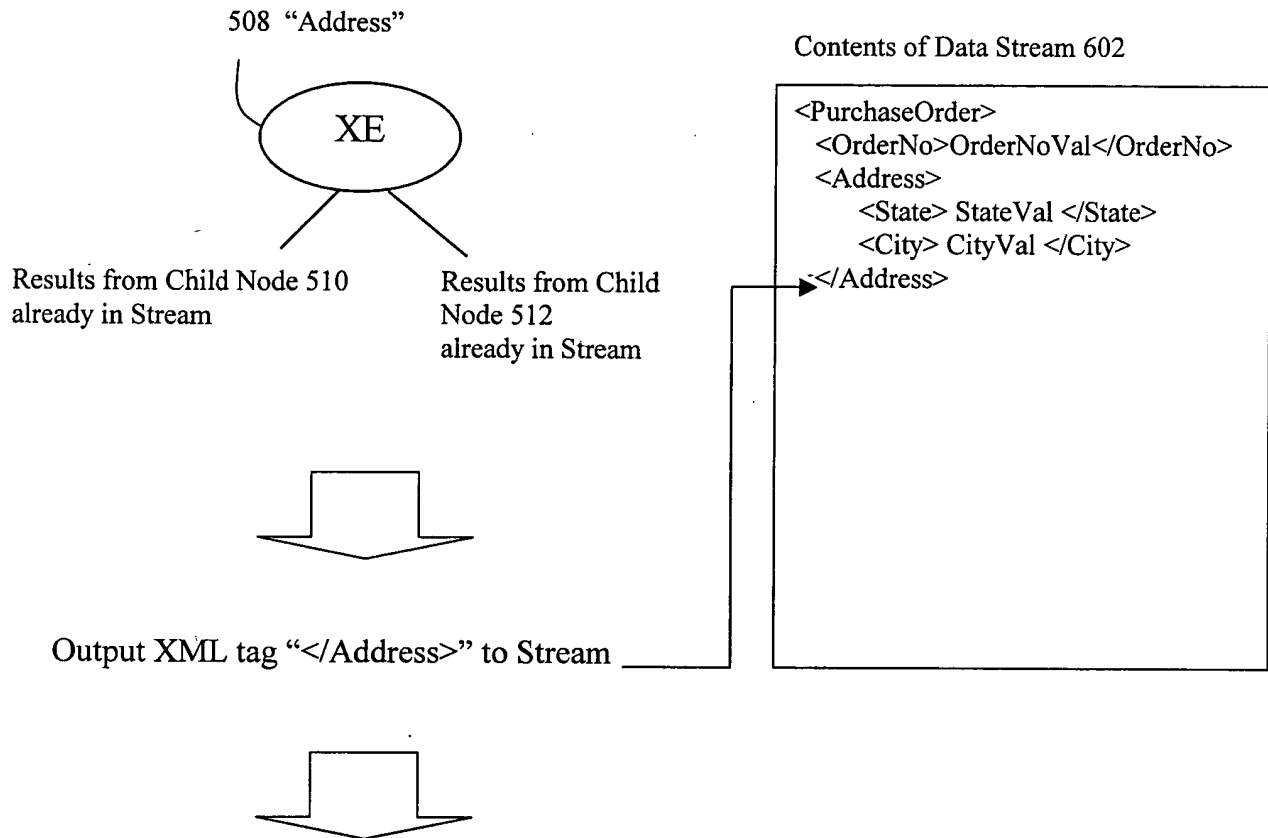
Begin Evaluating Node 512 for "City"



Proceed to Fig. 6H to Return back to Node 508

**Fig. 6H**

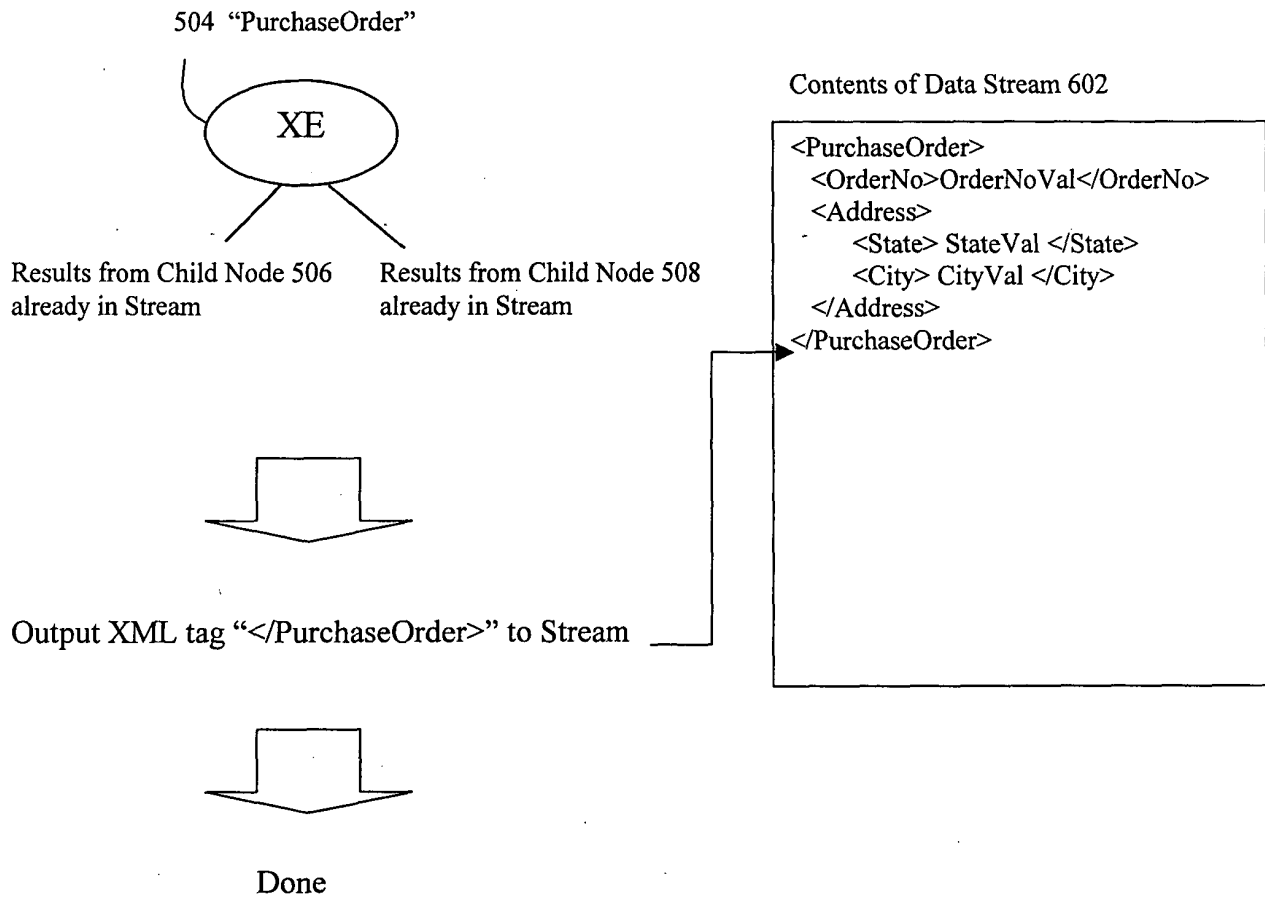
Finish Evaluating Node 508 for "Address"



Proceed to Fig. 6I to Return back to Node 504

**Fig. 6I**

Finish Top Down Evaluation of Expression Tree 500





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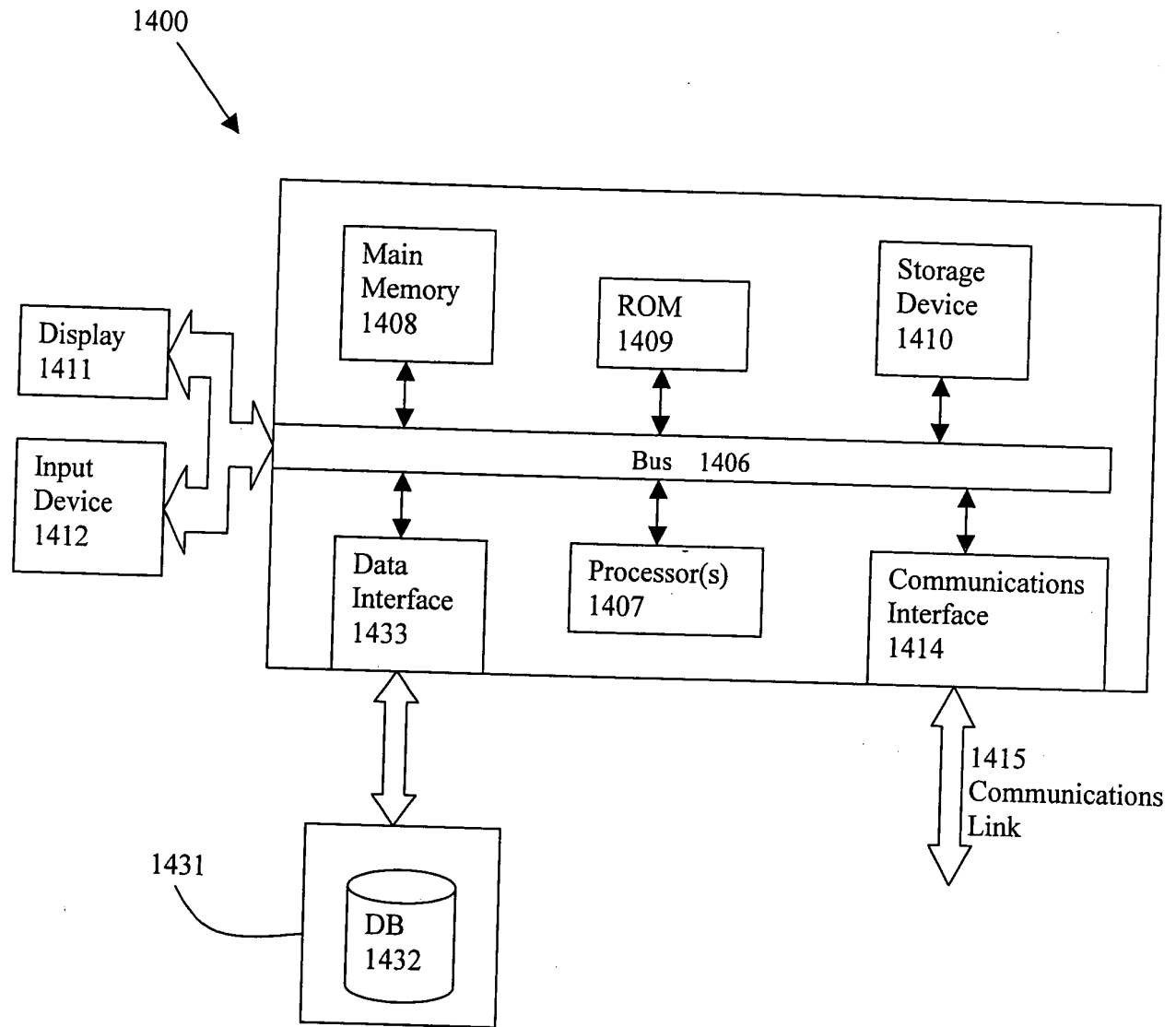


Fig. 7